

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for selectively optimizing a plurality of image characteristics for captured images, comprising the steps of:

a) modifying two or more one-dimensional image characteristic controls according to instructions stored in a computer readable medium by using a single loop position controller having one-dimensional control, wherein the single loop position controller traverses useful ranges of each of the two or more one-dimensional image characteristic controls;

b) providing a perceptually continuous video loop from a video stream of captured images to a user by cycling through several combinations of the two or more one-dimensional image characteristic controls; and

c) a means of selecting a desired image rendered according to the two or more one-dimensional image characteristic controls while the perceptually continuous video loop plays without any user intervention until the user's desired rendered image appears; and

d) ensuring the video loop continuously follows a path through the useful ranges of each of the two or more one-dimensional image characteristic controls from a first image nominal state through a transition state of the several combinations of images and back to the nominal state; and

e) defining the entire length of the video stream of captured images within the path in the transition state according to different useful range values of each of the two or more one-dimensional image characteristic controls.

2. (Original) The method claimed in claim 1, further comprising the step of mapping a set of range-limited image controls onto the single loop position controller.

3. (Original) The method claimed in claim 1, wherein the means of selecting a desired image includes stopping the video loop at the desired image.

4. (Original) The method claimed in claim 1, wherein the means of selecting a desired image includes moving the single loop position controller to the desired image.

5. (Currently Amended) A method of generating a perceptually continuous video loop of images over limited ranges, comprising the steps of:

- a) providing a plurality of image characteristic controls for an original image according to instructions stored in a computer readable;
- b) limiting ranges for the plurality of image characteristic controls according to analysis of space reduction requirements to form a range-limited n-dimensional space; and
- c) computing a trajectory path through the range-limited n-dimensional space to create a set of transitioning images as a video stream to be provided in the perceptually continuous video loop
- d) defining a portion of the trajectory path through the range-limited n-dimensional space having at least one of the plurality of image characteristic controls maintained substantially constant while the trajectory path continues traversing the limiting ranges of remaining image characteristic controls.

6. (Previously presented) The method claimed in claim 5, wherein the perceptually continuous video loop plays without user intervention until a user's desired rendered image appears.

7. (Original) The method claimed in claim 6, wherein the video loop is controlled with a loop position indicator to find a desired image rendered according to the plurality of image characteristic controls.

8. (Original) The method claimed in claim 6, wherein the video loop is started and/or stopped with a button.

9. (Previously presented) The method claimed in claim 1, further comprising the step of:

- f) providing an original image adjacent to the video loop of captured images.

10. (Previously presented) An image editor, comprising:

- a) a single one-dimensional image characteristic control that traverses useful ranges of each of a plurality of one-dimensional image characteristic controls; and
- b) a perceptually continuous video loop that cycles through several combinations of the single one-dimensional image characteristic control

for controlling a plurality of image characteristics reflected in a video stream, wherein the perceptually continuous video loop plays without any user intervention until the user's desired rendered image appears.

11. (Original) The image editor claimed in claim 10 further comprising a mapped set of range-limited image controls.

12. (Original) The image editor claimed in claim 11, wherein the mapped set of range-limited image controls is determined by limiting ranges for the plurality of one-dimensional image characteristic controls according to analysis of space reduction requirements to form a range-limited n-dimensional space.